

FORM PTO-1449

U.S. DEPARTMENT OF COMMERCE
PATENT & TRADEMARK OFFICE

ATTY DOCKET NO. 3919A CON

PRIOR APPLICATION:
09/067,820INFORMATION DISCLOSURE STATEMENT
BY APPLICANT

APPLICANT: Dettling, et al.

PRIOR APPLICATION FILING
DATE: April 28, 1998

GROUP:

REFERENCE DESIGNATION

U.S. PATENT DOCUMENTS

| Examiner Initial | Document Number | Date | Name | Class | Filing Date If Appropriate |
|------------------|---|----------|---------------------|---------|----------------------------|
| Km | 3,331,787* | 7/18/67 | Keith, et al. | 252/439 | |
| | 3,565,830* | 2/23/71 | Keith, et al. | 252/156 | |
| | 4,134,860* | 1/16/79 | Hindin, et al. | 252/466 | |
| | 4,171,288* | 10/16/79 | Keith, et al. | 252/462 | |
| | 4,189,404* | 2/19/80 | Keith, et al. | 252/462 | |
| | 4,191,126* | 3/4/80 | Reed, et al. | 118/50 | |
| | 4,384,014* | 5/17/83 | Young, Peter D. | 427/294 | |
| | 4,609,563* | 9/2/86 | Shimrock, et al. | 427/8 | |
| | 4,624,940* | 11/25/86 | Wan, et al. | 502/251 | |
| | 4,714,694* | 12/22/87 | Wan, et al. | 502/304 | |
| | 4,727,052* | 2/23/88 | Wan, et al. | 502/327 | |
| | 5,057,483* | 10/15/91 | Wan, Chung-Zong | 502/304 | |
| | 5,597,771* | 1/28/97 | Hu, et al. | 502/304 | |
| | 4,066,801* | 1/3/78 | Hoyer, et al. | 427/8 | |
| | 5,953,832 | 9/21/99 | Rosynsky, et al. | 34/403 | |
| | 5,866,210 | 2/2/99 | Rosynsky, et al. | 427/294 | |
| Km | 08/843,501 (ABANDONED)* (ATTY. DOCKET #3910) | 4/16/97 | Spencer, Michael D. | | |

FOREIGN PATENT DOCUMENTS

| Examiner Initial | Document number | Publication Date | Country or Patent Office | Class | Translation | |
|------------------|-----------------|------------------|--------------------------|------------|-------------|----|
| | | | | | Yes | No |
| Km | WO 92/09848* | 11.06.92 | PCT | F23D 14/00 | X | |
| Km | WO 95/00235* | 05.01.95 | PCT | B01D 53/36 | X | |
| Km | WO 95/35152* | 28.12.95 | PCT | B01D 53/94 | X | |
| Km | WO 96/17671* | 13.06.96 | PCT | B01D 53/94 | X | |
| Km | WO 97/48500* | 24.12.97 | PCT | B05D 7/22 | X | |
| Km | 0 444 494 A1* | 04.09.91 | EPO | C04B 41/50 | | X |
| Km | 0 327 880 A2* | 16.08.89 | EPO | B01J 37/02 | | X |
| Km | WO 97/48500* | 24.12.97 | PCT | B05D 7/22 | X | |
| Km | WO 99/47460 | 23.09.99 | PCT | B01J 37/02 | X | |

OTHER ART (Including Author, Title, Date, Pertinent Pages, etc.)

Examiner

Date Considered

6/13/04

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

INFORMATION DISCLOSURE STATEMENT PTO-1449 (Modified)

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FORM PTO-1449

U.S. DEPARTMENT OF COMMERCE
PATENT & TRADEMARK OFFICE

ATTY DOCKET NO. 3919A (CON)

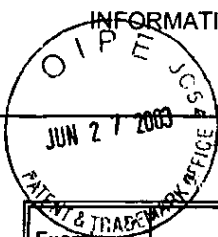
SERIAL NO. 09/873,979

INFORMATION DISCLOSURE STATEMENT
BY APPLICANT

APPLICANT: Dettling, et al.

FILING DATE: June 1, 2001

GROUP: 1700



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REFERENCE DESIGNATION

U.S. PATENT DOCUMENTS

| Examiner Initial | Document Number | Date | Name | Class | Filing Date if Appropriate |
|------------------|-----------------|------------|------------------|-----------|----------------------------|
| KM | 4,515,758 | 05/07/1985 | Domesle, et al. | 423/213.2 | |
| | 4,588,707 | 05/13/1986 | Domesle, et al. | 502/225 | |
| | 4,857,089 | 08/15/1989 | Kitagawa, et al. | 55/523 | |
| | 4,902,487 | 02/20/1990 | Cooper, et al. | 423/215.5 | |
| | 5,089,237 | 02/18/1992 | Schuster, et al. | 422/180 | |
| KM | 5,746,989 | 05/05/1998 | Murachi, et al. | 423/212R | |
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FOREIGN PATENT DOCUMENTS

| Examiner Initial | Document number | Publication Date | Country or Patent Office | Class | Translation | |
|------------------|-----------------|------------------|--------------------------|------------|-------------|----|
| | | | | | Yes | No |
| KM | EP 0 834 343 B1 | 21.11.1997 | EPO | B01D 39/20 | X | |
| KM | WO 99/39809 | 12.08.1999 | PCT | B01D 53/94 | X | |
| KM | WO 00/29726 | 25.05.00 | PCT | F01N 3/035 | X | |
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OTHER ART (Including Author, Title, Date, Pertinent Pages, etc.)

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Examiner

John McHenry

Date Considered

6/13/04

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INFORMATION DISCLOSURE STATEMENT PTO-1449 (Modified)

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE
PATENT & TRADEMARK OFFICE

ATTY DOCKET NO. 3919A (CON)

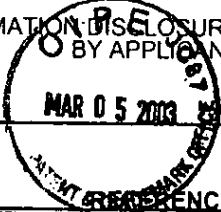
SERIAL NO. 09/873,979

INFORMATION DISCLOSURE STATEMENT
BY APPLICANT

APPLICANT: Dettling, et al.

FILING DATE: June 1, 2001

GROUP: 1764



REFERENCE DESIGNATION

U.S. PATENT DOCUMENTS

| Examiner Initial | Document Number | Date | Name | Class | Filing Date if Appropriate |
|------------------|-----------------|----------|--------------------|--------|----------------------------|
| KM | 5,024,981 | 06/18/91 | Speronello, et al. | 502/67 | |
| KM | 5,120,695 | 06/09/92 | Blumrich, et al. | 502/78 | |
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FOREIGN PATENT DOCUMENTS

| Examiner Initial | Document number | Publication Date | Country or Patent Office | Class | Translation | |
|------------------|-----------------|------------------|--------------------------|------------|-------------|----|
| | | | | | Yes | No |
| KM | WO 01/12320 A1 | 22.02.2001 | PCT | B01J 23/56 | X | |
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OTHER ART (Including Author, Title, Date, Pertinent Pages, etc.)

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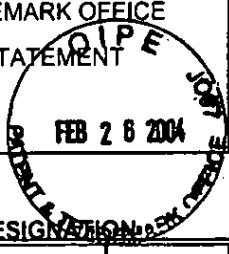
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| Examiner <i>Kim Matheny</i> | Date Considered <i>6/13/04</i> |
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| FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT & TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT | ATTY DOCKET NO. 3919A (CON) | SERIAL NO. 09/873,979 |
| | APPLICANT: Dettling, et al. | |
| | FILING DATE: June 1, 2001 | GROUP: 1764 |



REFERENCE DESIGNATION

U.S. PATENT DOCUMENTS

| Examiner Initial | Document Number | Date | Name | Class | Filing Date if Appropriate |
|------------------|-----------------|----------|------------------|---------|----------------------------|
| <i>JM</i> | 4,550,034 | 10/29/85 | Shlmrock, et al. | 427/243 | |
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| Examiner <i>Z. L. McHenry</i> | Date Considered <i>6/13/04</i> |
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